

SLIDING SLEEVE

DESCRIPTION

The Sliding Side Door (SSD) is a mechanically operated downhole flow control device installed in the tubing string to provide selective communication between the tubing and annulus. It is shifted open or closed using a standard shifting tool on slickline, wireline, or coiled tubing, allowing precise control of flow paths without removing the tubing string.

The SSD is available in two configurations—shift-up-to-open and shift-down-to-open—to suit various completion designs and operational preferences. It is commonly used for controlled fluid injection, production testing, or zonal isolation, offering operational flexibility throughout the life of the well.

The non-elastomeric sealing system provides smooth, repeatable sleeve shifting and exceptional long-term reliability in high-pressure, high-temperature (HPHT) and corrosive environments. In addition, the SSD can be supplied with an integrated nipple profile for landing flow control devices and accessories.

FEATURES

- Provides controlled communication between tubing and annulus
- Operated mechanically via standard shifting tools on slickline, wireline, or coiled tubing
- Repeated open/close functionality for maximum operational flexibility
- Ideal for injection, production control, or zonal isolation
- Non-elastomeric seals for enhanced reliability in harsh well conditions
- Available with nipple profile for flow control equipment landing

Tubing Size in - [mm]	Tubing Weight Min-Max [lbs/ft]	Wall thickness Min-Max [mm]	Tubing ID in - [mm]	Seal Bore in - [mm]
2,375 - [60,3]	4,6 - 4,7	4,8	1,995 - [50,7]	1,875 - [47,6]
2,875 - [73]	6,4 - 6,6	5,5	2,441 - [62]	2,312 - [58,7]
3,5 - [88,9]	9,2 - 10,3	6,5 - 7,3	2,992 - [76]	2,56 - [65,02] 2,812 - [71,4] 2,75 - [69,9]
4 - [101,6]	10,9 - 11	6,7	3,476 - [88,3]	3,312 - [84,1]
4,5 - [114,3]	12,6 - 15,2	6,9 - 8,55	3,958 - [100,5] 3,826 - [97,2]	3,437 - [87,3] 3,688 - [93,68] 3,812 - [96,8]

